

## DATASHEET

*Updated:2022*
**ORDERING CODE: MFLPSL45FM**

SPECIFICATIONS OF LUMINARY.	
Luminaries wattage	45 Watt (+/- 5%)
Input Voltage	230 VAC
Input Frequency	50 Hz
Input Current	0.205A
Power Factor	> 0.96
Athd.	CLASS C
Efficiency	>86%
Temperature Class	T6
IP Standard	IP 65
Total Weight	5-6 Kg
Starting Time	Instant ( 0.2 Sec)
Warranty	3 Years



SPECIFICATIONS OF LED	
LED type / No of LED Lamp	COB/ Single
Total Lumen (As per simulation Tool)	5329
Lumen Efficacy (Lm/ Watt)	135 lm/W @ 60° C LED Tc
Lumen Efficacy (Lm/ Watt) (Incl. all loses)	118 lm/W @ 60° C LED Tc
Color / Color Rendering index	CCT 6500K / RA 70
SP Ratio	2.25
MAC ADAM ELIP STAGE	STEP 3
LED -Wattage/Current/Voltage	39.4 W / 1050 ma /37.6 V
Lamp Life	1,60,000 Hours Min.
Certifications / Reports	LM80/Photo Bio. Test
Actual Tested Report	Actual Operating test Report for 63,000Hrs
Identification Method	Unique Serial No. Printed on each Lamp

SPECIFICATIONS OF LED DRIVER	
Type of Driver	Constant Current
Input Voltage Range	180 - 295 VAC
Frequency Range	47 - 63 Hz
Output Protection	Short Circuit, Over Voltage/ Current/ Temperature

SPECIFICATIONS OF OPTICS	
Optics Type	Glass Lens
MOC of Optics	Borosilicate Glass
Optics Efficiency	96%

SPECIFICATIONS OF FIXTURE \ HEAT SINK	
Make of Fixture	SUDHIR SWITCHGEARS PVT. LTD.
Certification	IP 65
MOC Fixture	Aluminum Diecasting LM6 Grade
Junction Temperature -Tj	87°C
Case Temperature- Tc	60°C

